

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018307.D
 Acq On : 19 Dec 2018 21:36
 Operator : JU/SJ
 Sample : J6426-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013B-4248-01

Quant Time: Dec 20 01:58:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

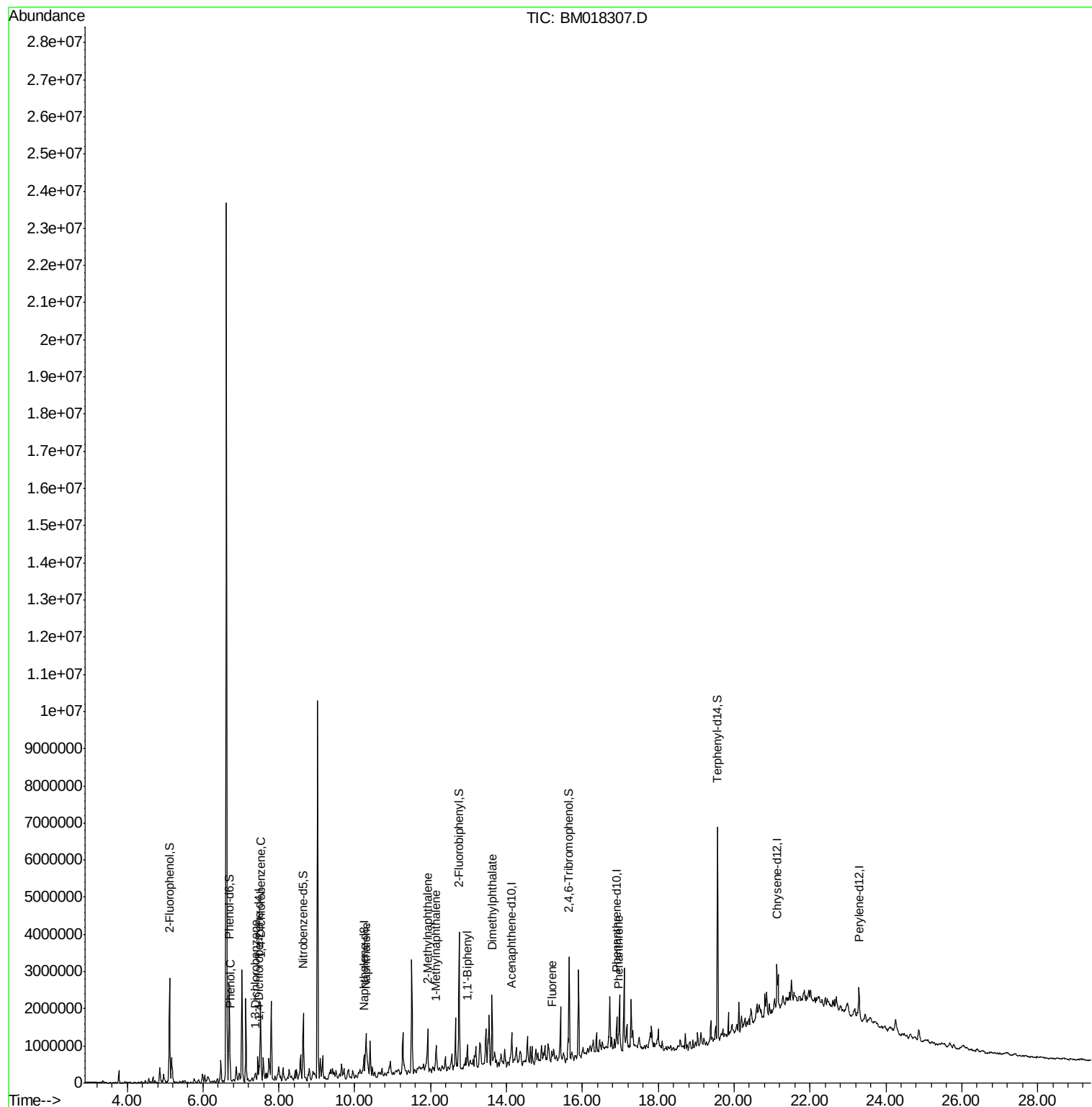
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	112692	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	397591	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	202651	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	424301	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	493491	20.00	ng	-0.01
87) Perylene-d12	23.29	264	555704	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1082355	160.44	ng	0.00
7) Phenol-d6	6.69	99	1440807	153.66	ng	-0.01
23) Nitrobenzene-d5	8.65	82	903769	116.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	451313	151.73	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1731138	110.64	ng	-0.02
79) Terphenyl-d14	19.56	244	2432941	111.50	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	84138	8.473	ng	89
12) 1,3-Dichlorobenzene	7.37	146	18666	2.097	ng	# 94
13) 1,4-Dichlorobenzene	7.52	146	733751	81.183	ng	99
31) Naphthalene	10.30	128	719933	37.031	ng	99
37) 2-Methylnaphthalene	11.92	142	535585	39.064	ng	96
38) 1-Methylnaphthalene	12.14	142	287573	21.495	ng	# 98
46) 1,1'-Biphenyl	12.96	154	156119	8.563	ng	98
50) Dimethylphthalate	13.62	163	134337	7.974	ng	96
58) Fluorene	15.20	166	42431	2.767	ng	# 80
71) Phenanthrene	16.95	178	207070	8.985	ng	97

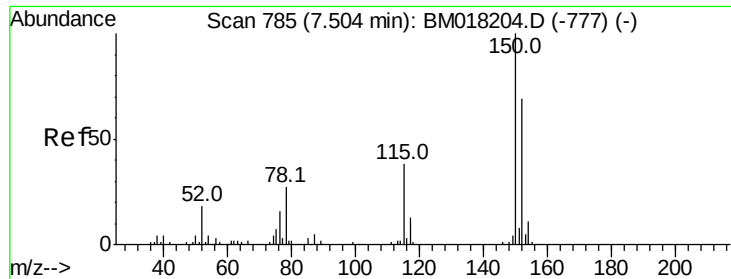
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018307.D
Acq On : 19 Dec 2018 21:36
Operator : JU/SJ
Sample : J6426-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Quant Time: Dec 20 01:58:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration



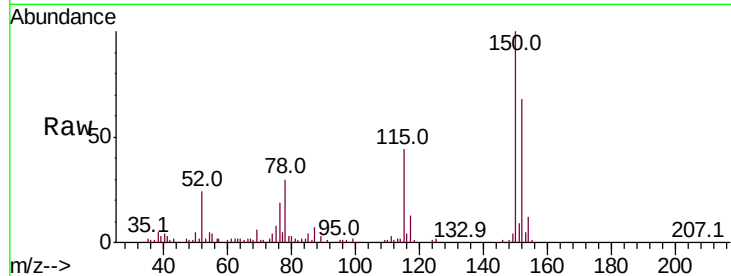


#1

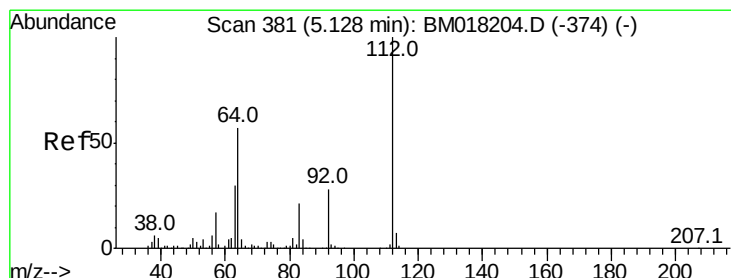
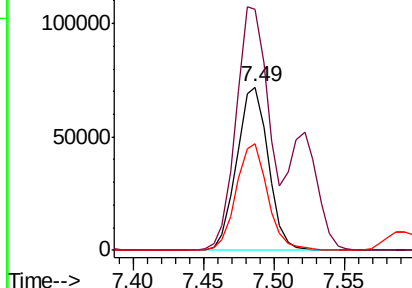
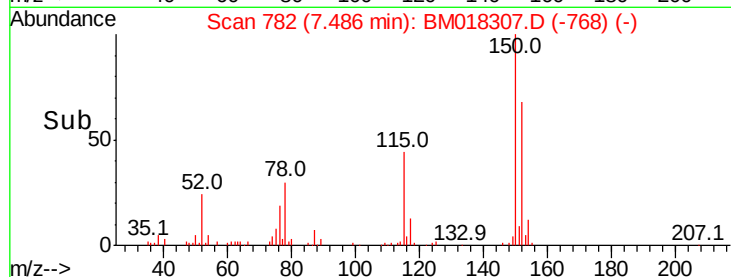
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tot Ion:152 Resp: 112692
Ion Ratio Lower Upper
152 100
150 147.8 116.1 174.1
115 65.1 44.6 67.0



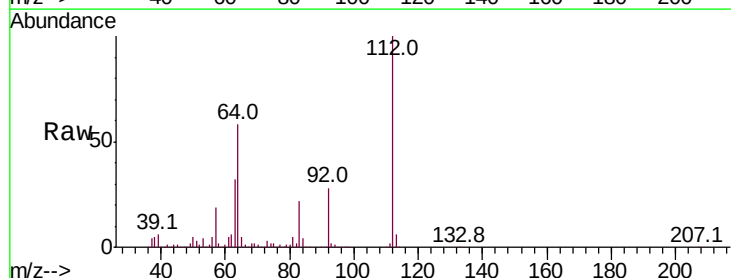
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



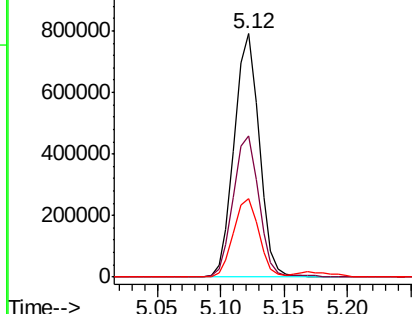
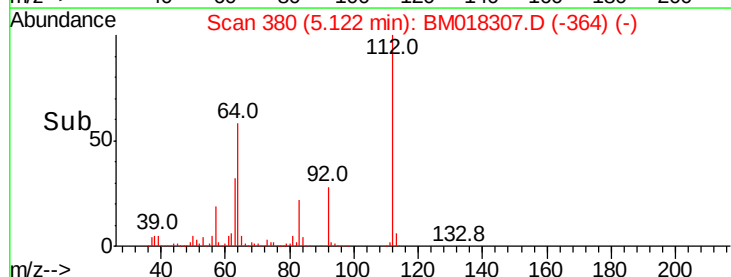
#5

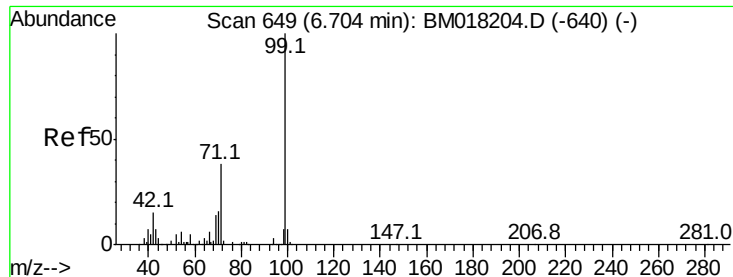
2-Fluorophenol
Concen: 160.442 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:112 Resp: 1082355
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 32.0 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 153.662 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-4248-01

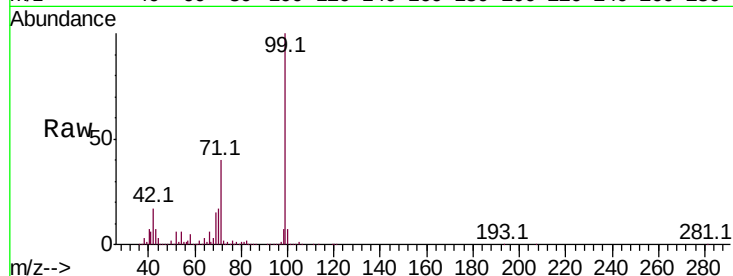
Tot Ion: 99 Resp: 1440807

Ion Ratio Lower Upper

99 100

42 16.5 12.3 18.5

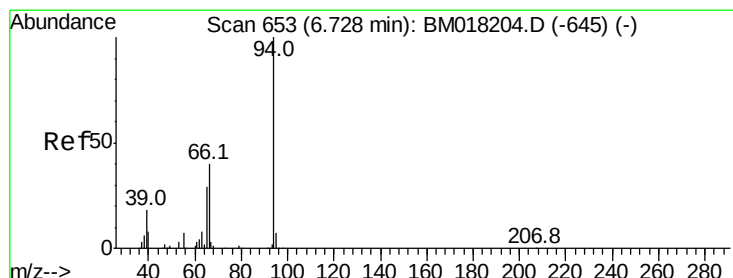
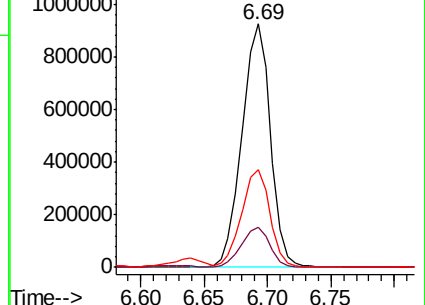
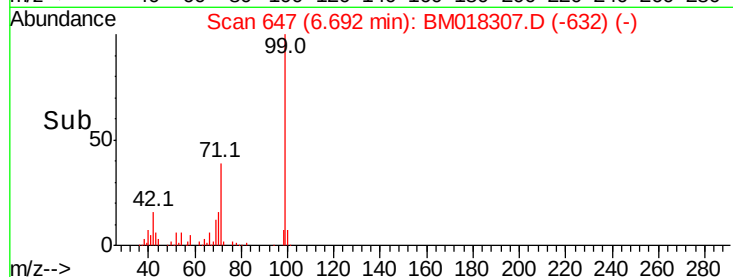
71 39.9 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#10

Phenol

Concen: 8.473 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

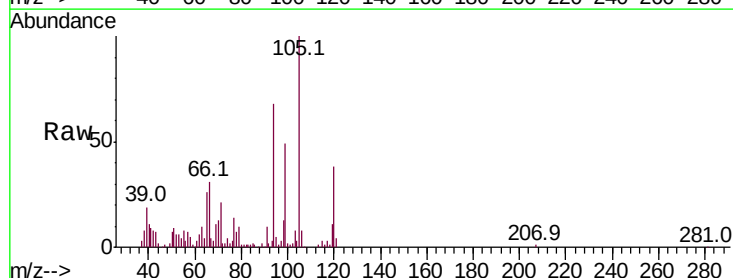
Tgt Ion: 94 Resp: 84138

Ion Ratio Lower Upper

94 100

65 37.8 9.5 49.5

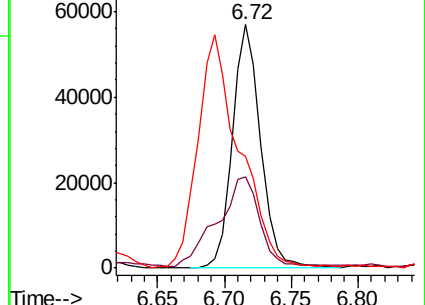
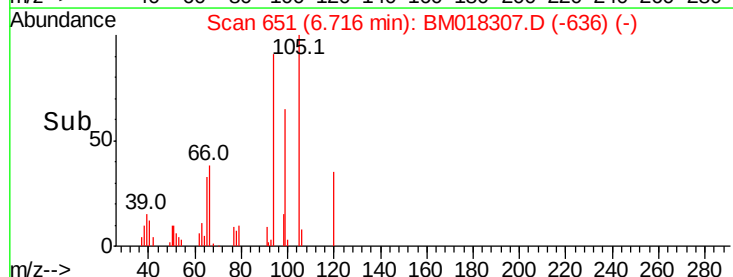
66 46.2 21.3 61.3

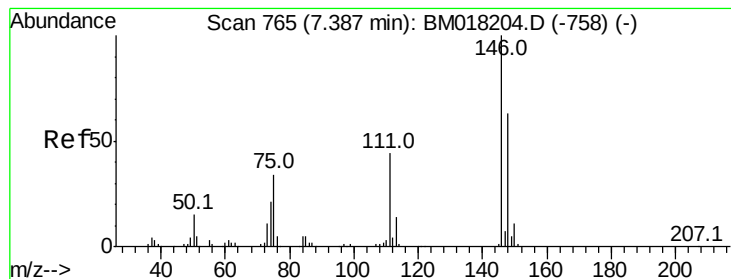


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)





#12

1,3-Dichlorobenzene

Concen: 2.097 ng

RT: 7.37 min Scan# 762

Delta R.T. -0.02 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-4248-01

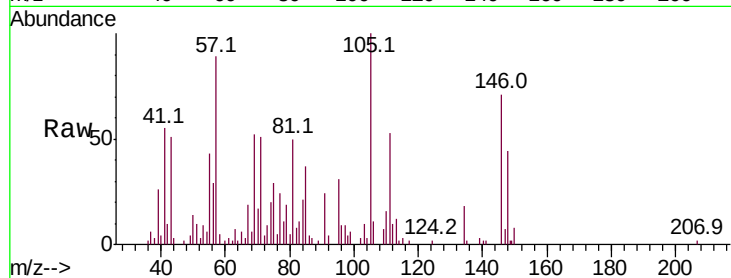
Tot Ion:146 Resp: 18666

Ion Ratio Lower Upper

146 100

148 61.6 50.6 76.0

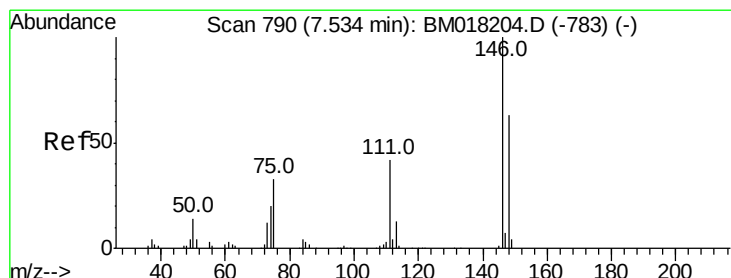
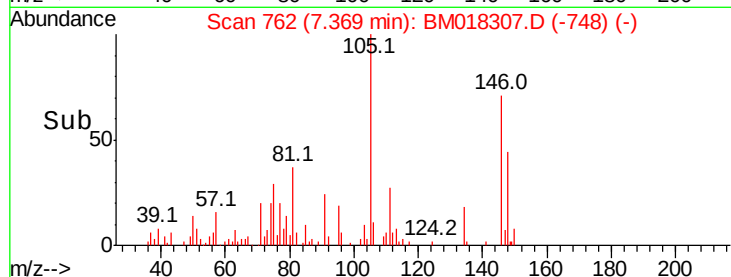
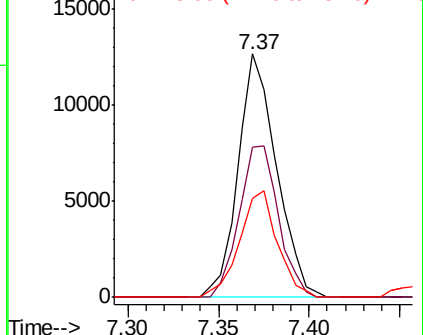
75 40.6 27.0 40.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 81.183 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

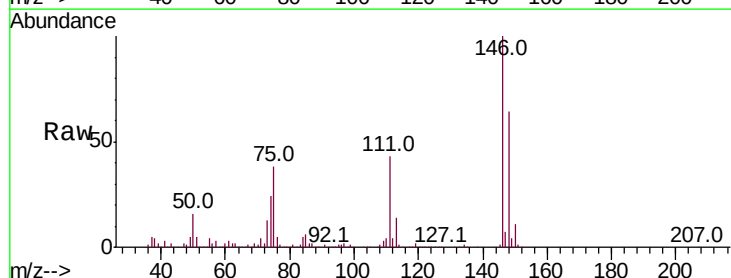
Tgt Ion:146 Resp: 733751

Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

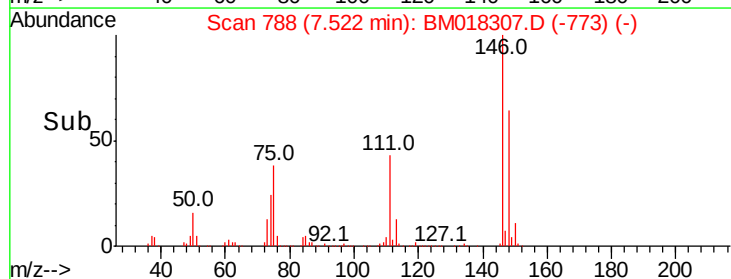
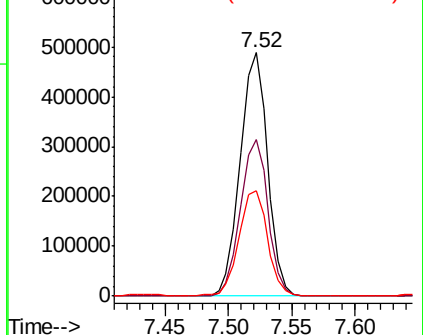
111 43.4 34.2 51.2

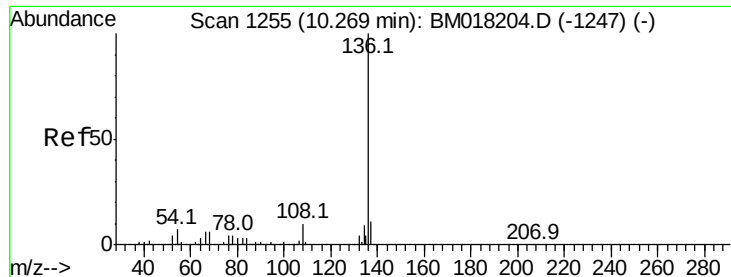


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

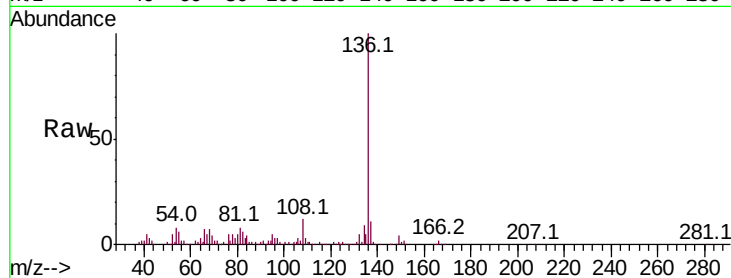




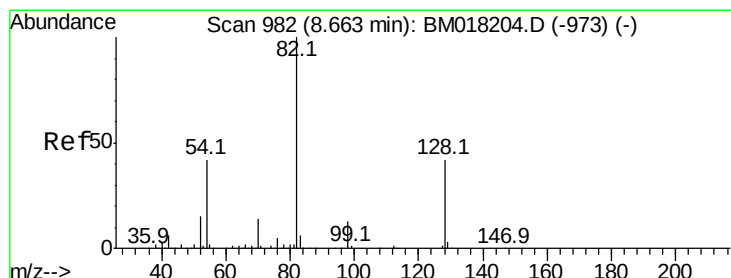
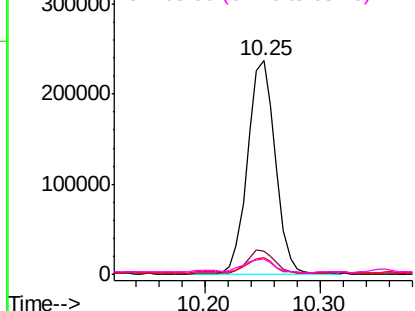
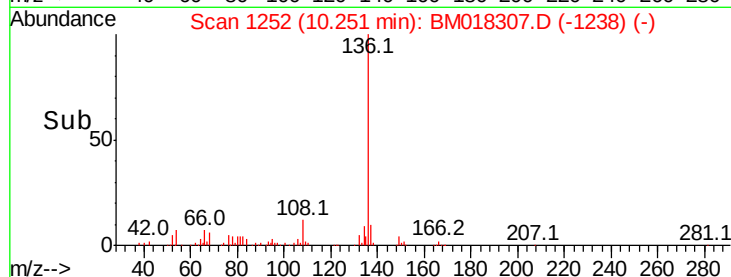
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tot Ion:	136	Resp:	397591
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	5.2	7.8#
68	7.2	5.0	7.6

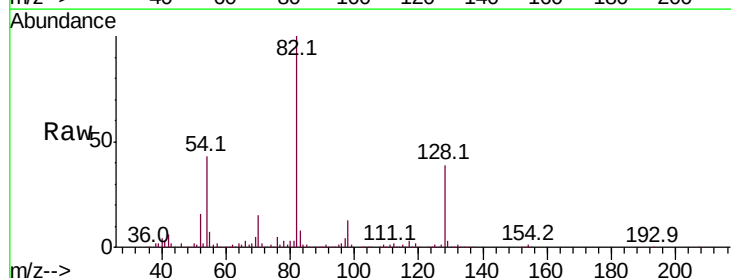


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

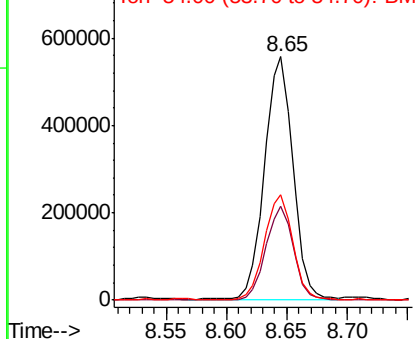
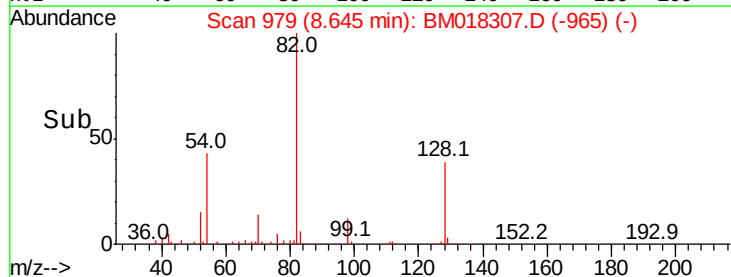


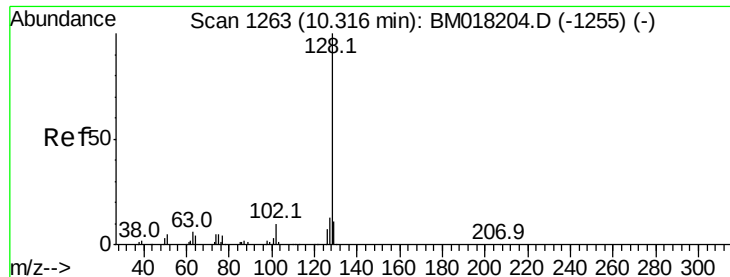
#23
Nitrobenzene-d5
Concen: 116.596 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:	82	Resp:	903769
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.4	50.2
54	43.4	33.4	50.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

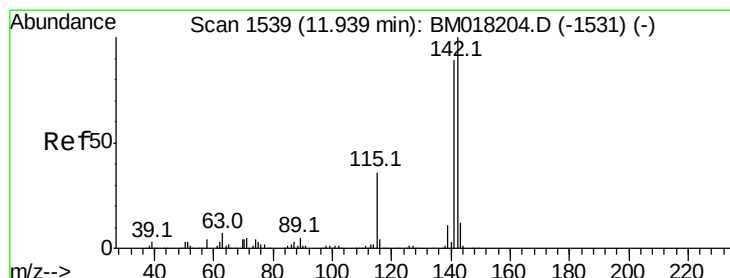
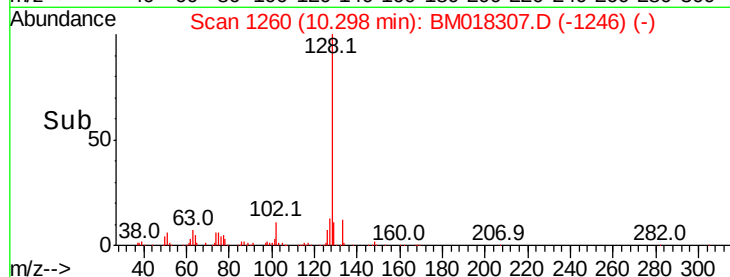
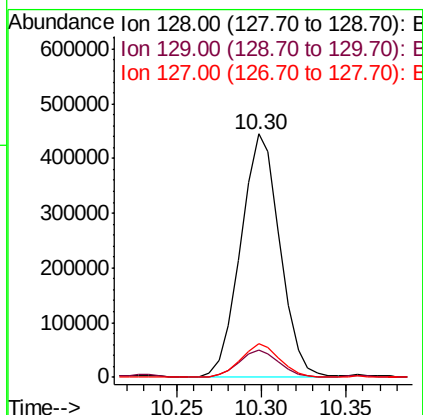
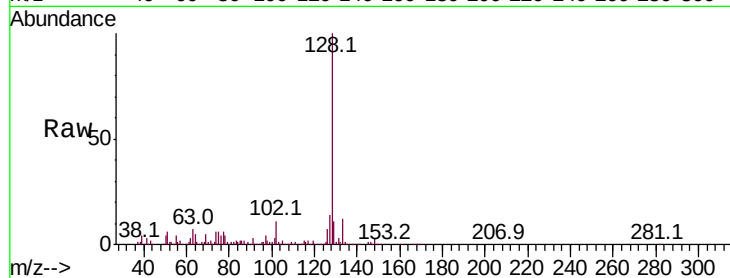




#31
Naphthalene
Concen: 37.031 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

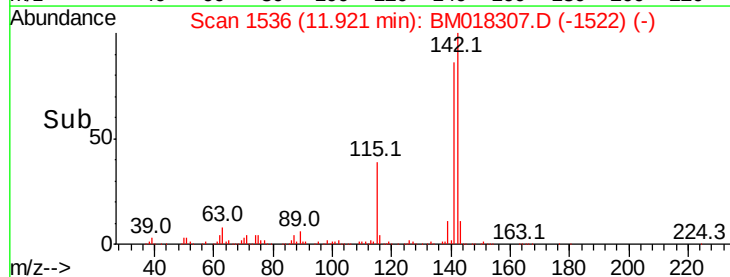
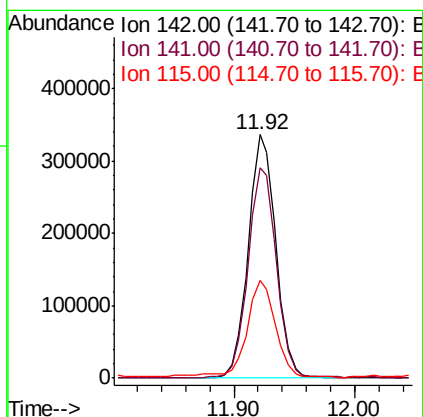
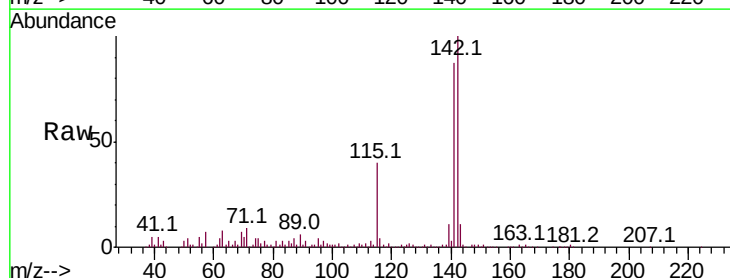
Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

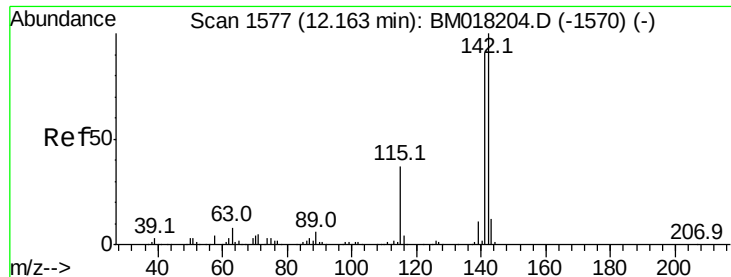
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	10.4	15.6



#37
2-Methylnaphthalene
Concen: 39.064 ng
RT: 11.92 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.2
115	40.0	29.0	43.6

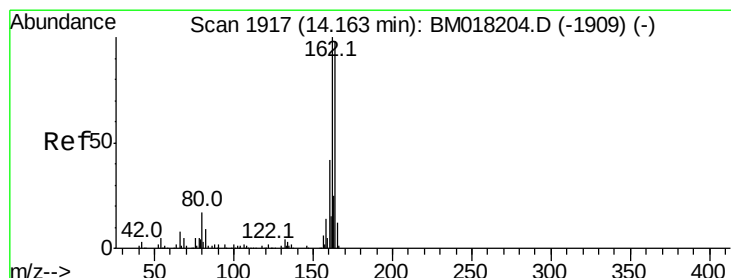
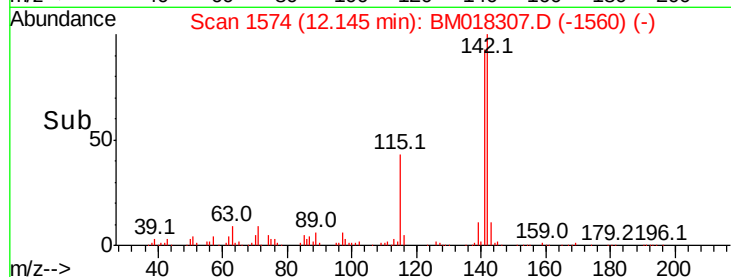
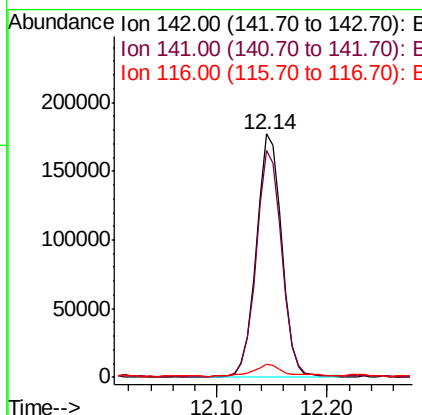
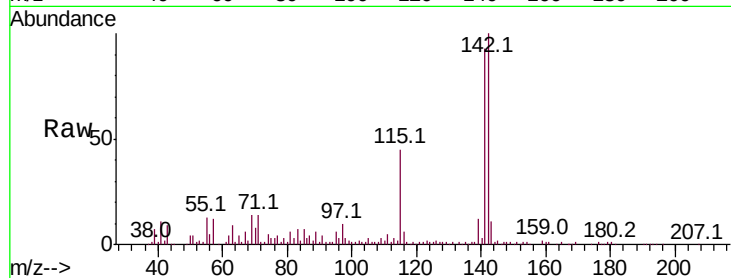




#38
1-Methylnaphthalene
Concen: 21.495 ng
RT: 12.14 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

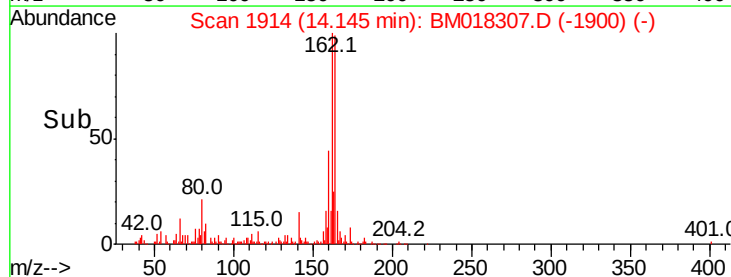
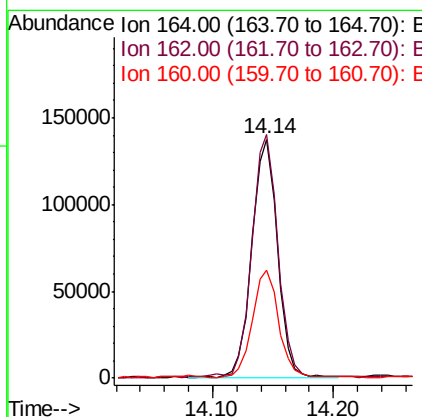
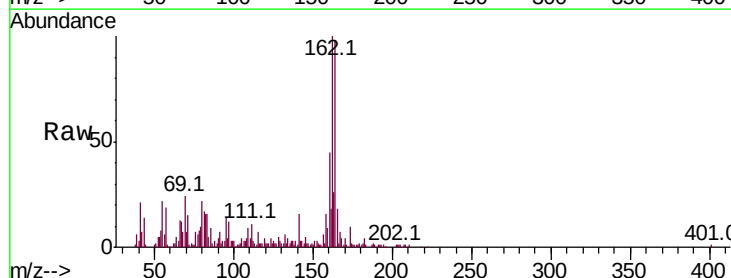
Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

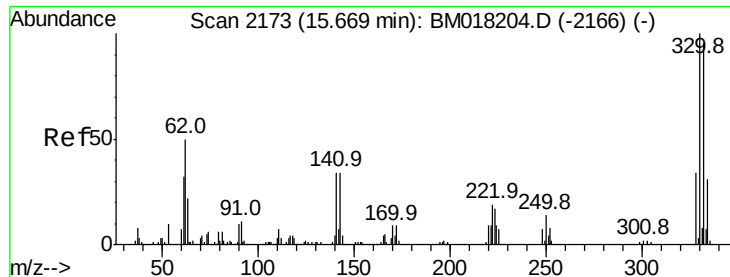
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.0	109.4
116	5.5	3.0	4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	45.5	34.6	51.8

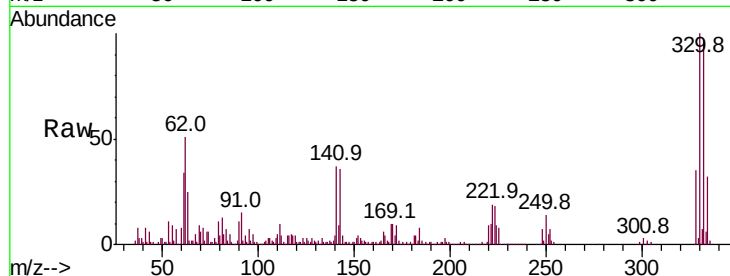




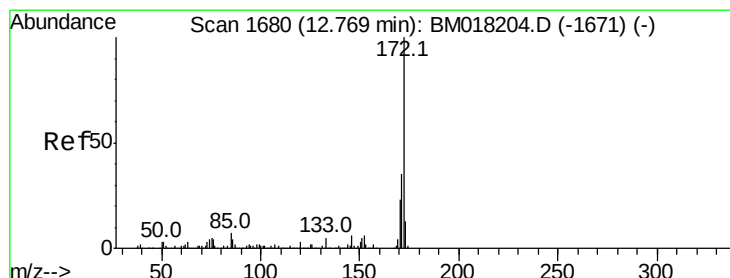
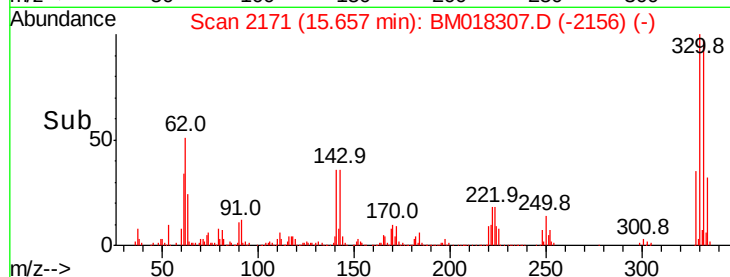
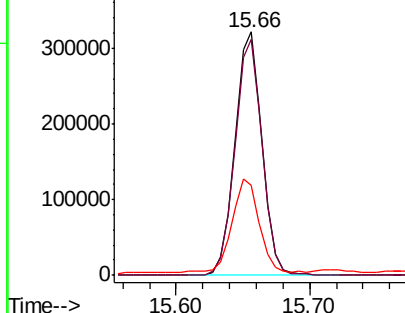
#42
 2,4,6-Tribromophenol
 Concen: 151.735 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018307.D
 Acq: 19 Dec 2018 21:36

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013B-4248-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	118.0
141	39.0	27.1	40.7

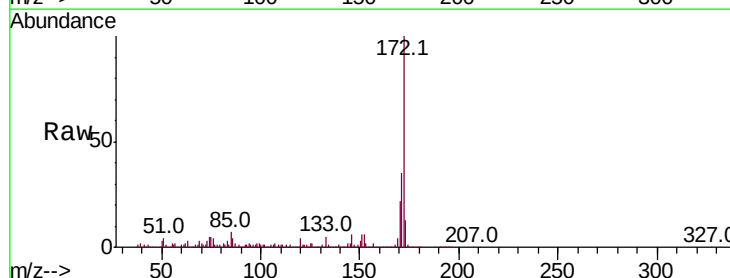


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

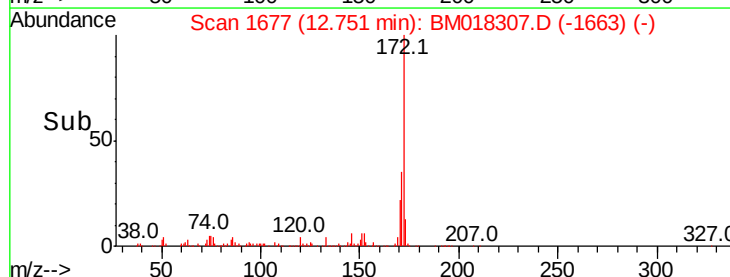
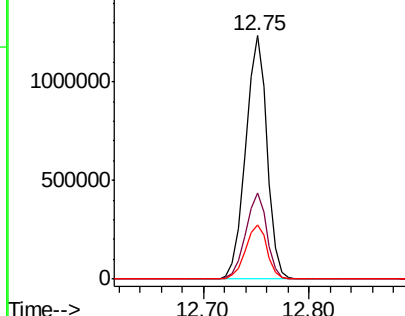


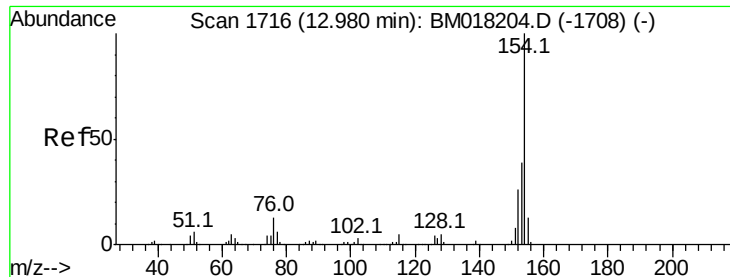
#45
 2-Fluorobiphenyl
 Concen: 110.645 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018307.D
 Acq: 19 Dec 2018 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.4	18.1	27.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 8.563 ng

RT: 12.96 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-4248-01

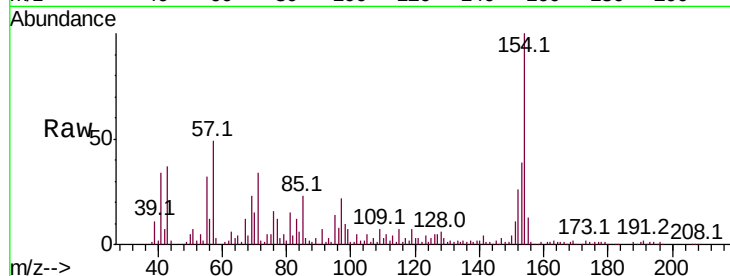
Tot Ion:154 Resp: 156119

Ion Ratio Lower Upper

154 100

153 39.1 19.5 59.5

76 15.8 0.0 33.1

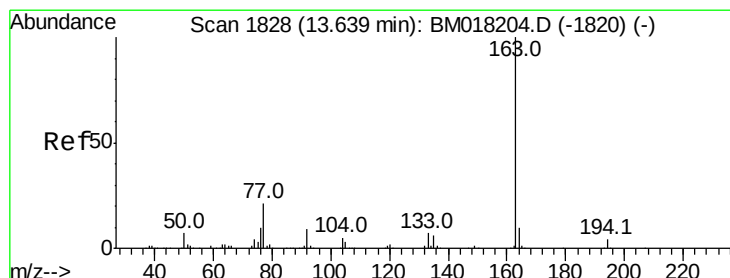
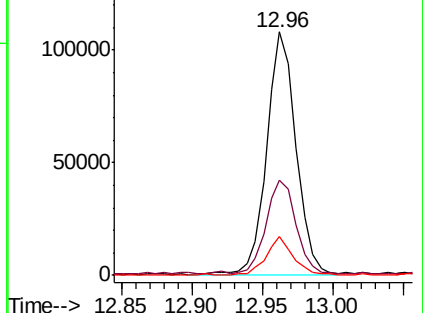
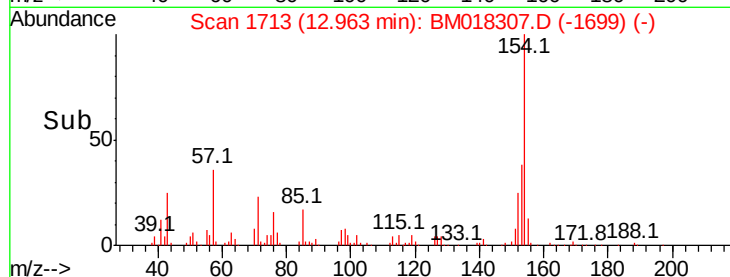


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50

Dimethylphthalate

Concen: 7.974 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

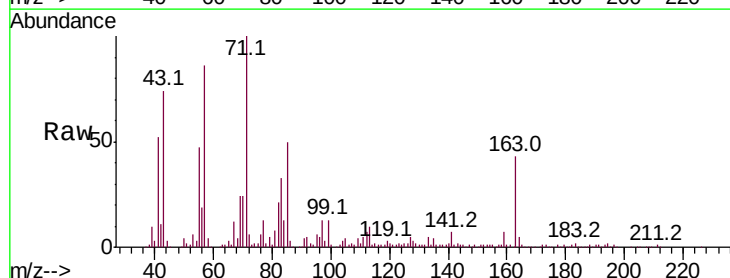
Tgt Ion:163 Resp: 134337

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7

164 11.6 7.9 11.9

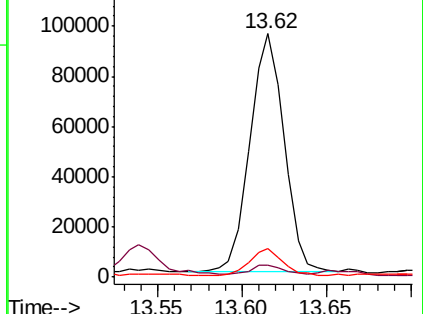
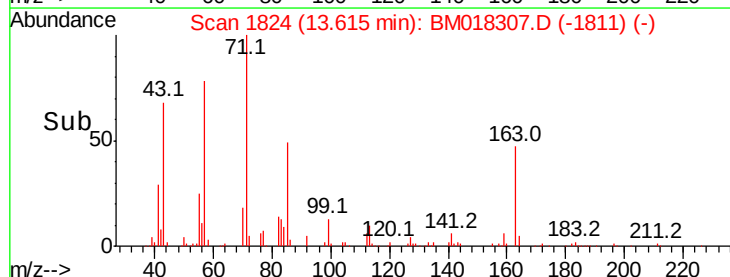


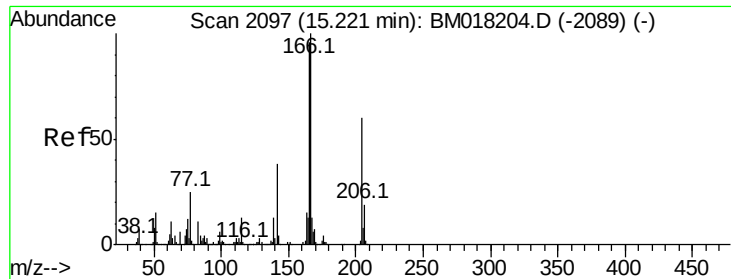
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#58

Fluorene

Concen: 2.767 ng

RT: 15.20 min Scan# 2094

Delta R.T. -0.02 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-4248-01

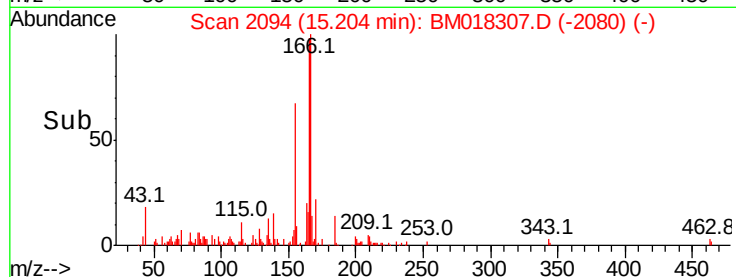
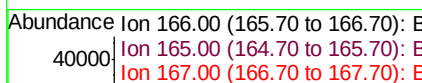
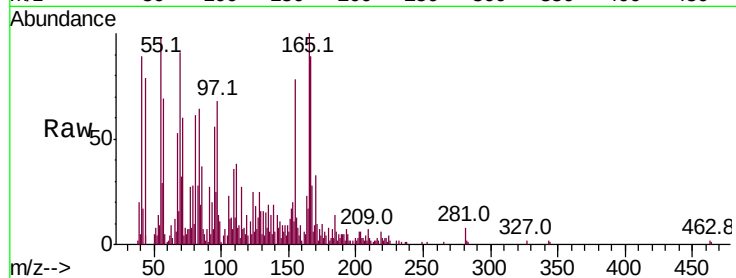
Tot Ion:166 Resp: 42431

Ion Ratio Lower Upper

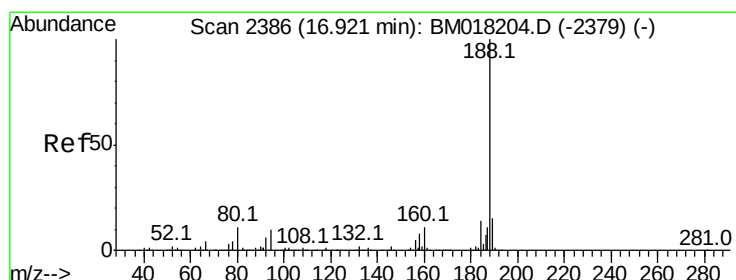
166 100

165 112.4 76.9 115.3

167 31.5 10.5 15.7#



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

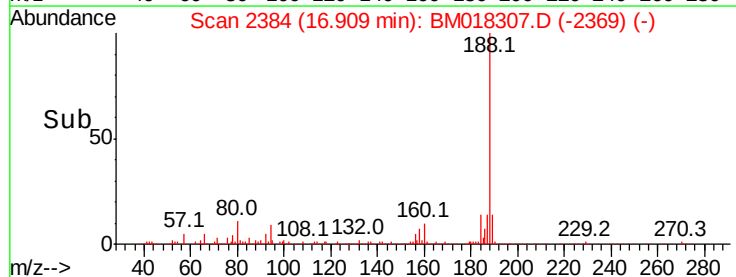
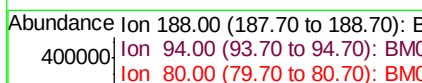
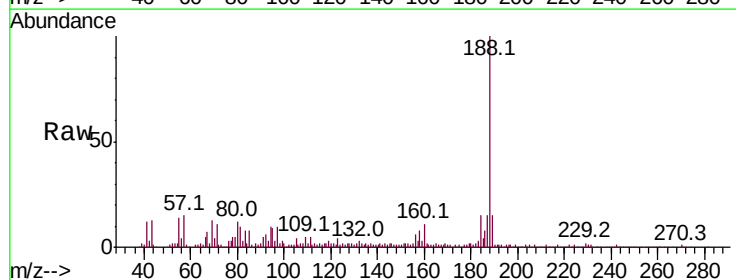
Tgt Ion:188 Resp: 424301

Ion Ratio Lower Upper

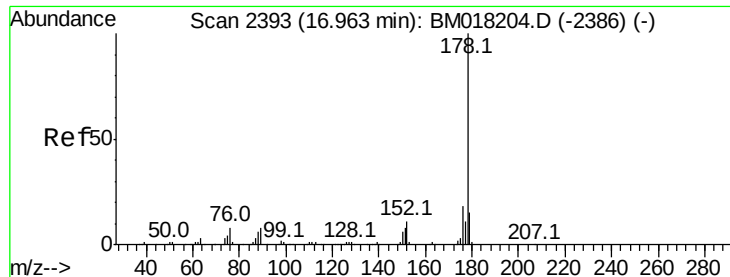
188 100

94 9.7 8.0 12.0

80 12.3 9.0 13.6



Time-->



#71

Phenanthrene

Concen: 8.985 ng

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-4248-01

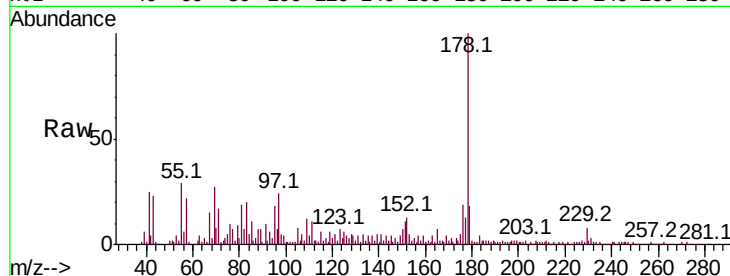
Tot Ion:178 Resp: 207070

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

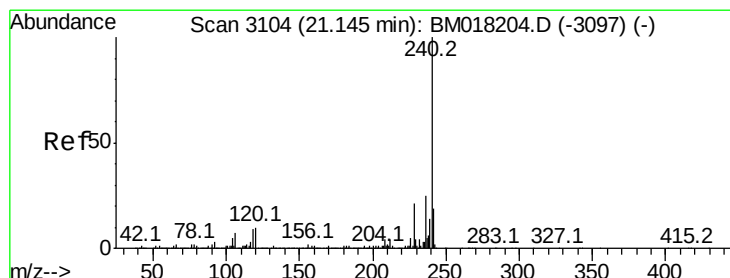
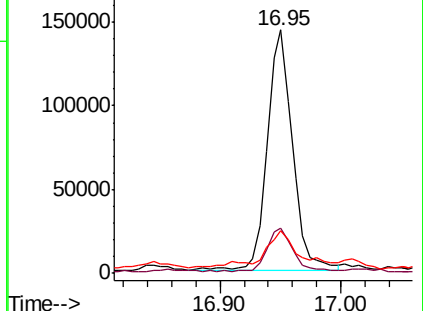
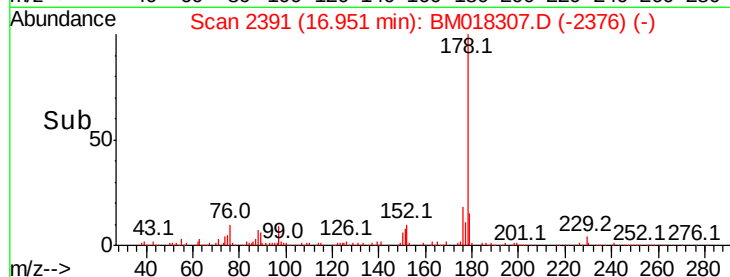
179 17.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

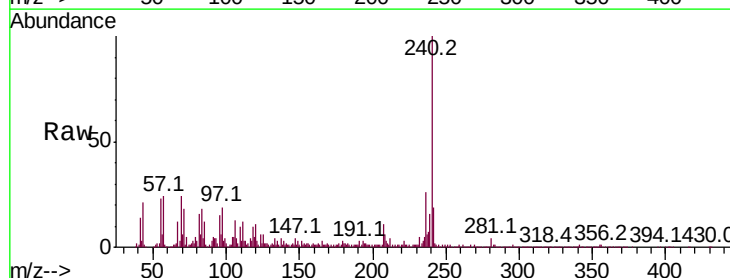
Tgt Ion:240 Resp: 493491

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

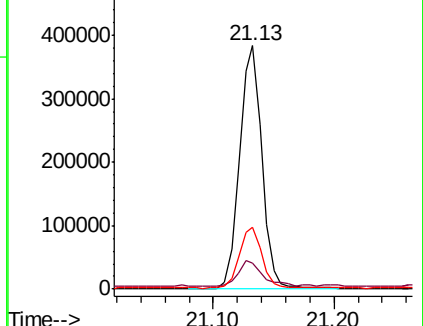
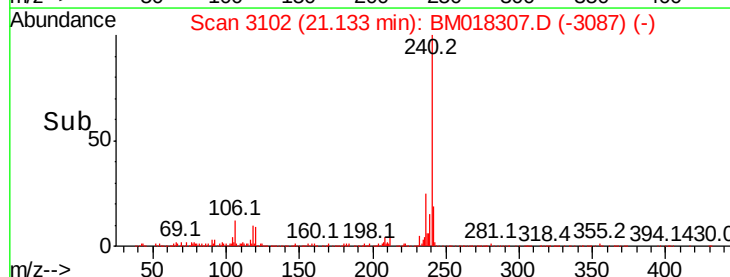
236 25.6 20.3 30.5

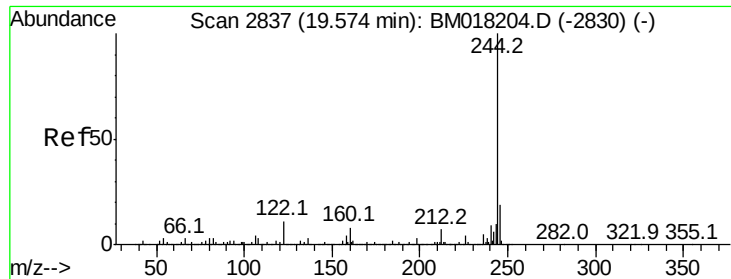


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 111.501 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Instrument :

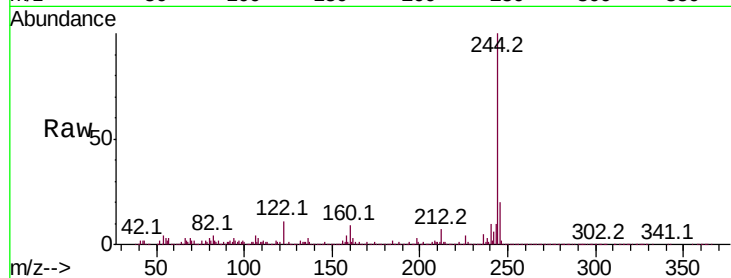
BNA_M

ClientSampleId :

P001-SS013B-4248-01

Tot Ion:244 Resp: 2432941

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.9	9.0	13.6

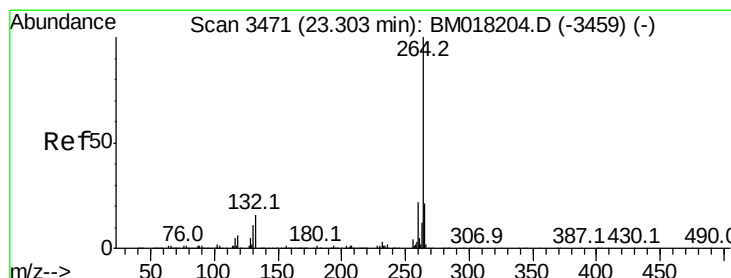
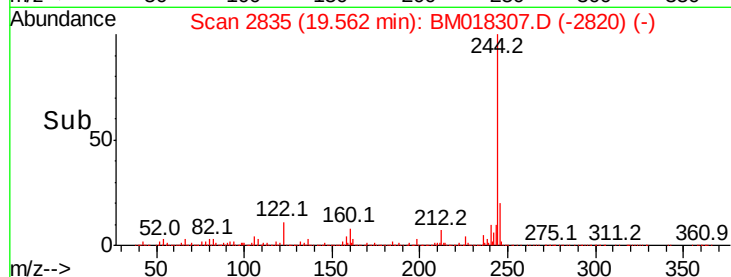
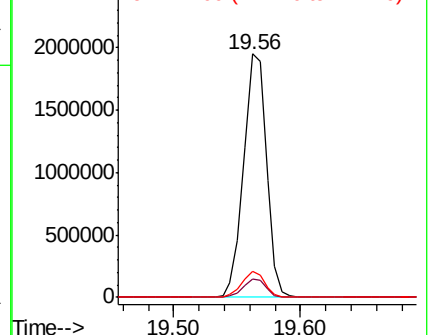


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

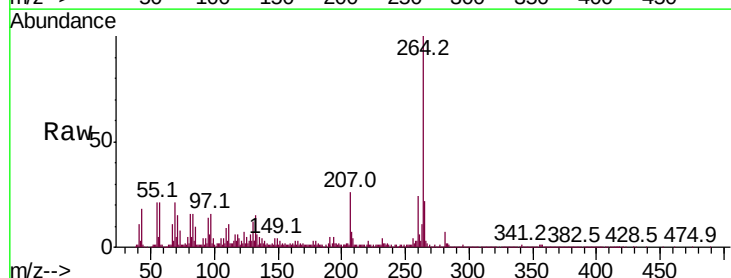
Delta R.T. -0.01 min

Lab File: BM018307.D

Acq: 19 Dec 2018 21:36

Tgt Ion:264 Resp: 555704

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.5	26.3
265	21.9	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

